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521.1004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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AUG 13 2004

TECH CENTER 2800

Examiner: To Be Assigned Art Unit: 2835
Re: Application of: Wolfgang KREMERS, et al.
 Serial No.: 09/890,503
 Filed: June 17, 2004, as national phase of International
 Patent Application PCT/EP00/00479, filed January 22, 2000
For: SELF-RECOVERING CURRENT-LIMITING
 DEVICE WITH LIQUID METAL

INFORMATION DISCLOSURE STATEMENT

Mail Stop: AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

August 2, 2004

Sir:

In accordance with the provisions of 37 C.F.R. § 1.97, Applicant hereby makes of record the documents listed on the accompanying PTO-1449 Form (1 page) for consideration by the Examiner in connection with the examination of the above-identified patent application. While the references are being submitted herewith, some or all of the references may not constitute prior art under the U.S. patent laws.

Submitted herewith is the International Search Report of PCT/DE00/00479.

I hereby certify that the documents referred to as attached therein and/or fee are being deposited with the United States Postal Service as "first class mail" with sufficient postage in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" on August 2, 2004.

DAVIDSON, DAVIDSON & KAPPEL, LLC

BY: 

Oliver Platz


This Information Disclosure Statement is filed under 37 C.F.R. §1.97 (b), before the mailing date of a First Office Action, therefore no fee is believed due.

In the event any additional fee is due in connection with this response or if any fee has been overpaid, the deficiency or overpayment should be charged to our Deposit Account No. 50-0552.

It is respectfully requested that the references cited in the accompanying PTO-1449 form be considered and made of record. It is respectfully submitted that the pending claims are patentable over all of the references made of record at this time.

Respectfully submitted,

DAVIDSON, DAVIDSON & KAPPEL, LLC

By: 
William C. Gehris
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FORM PTO-1449
(REV. 7-80)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 521.1004

SERIAL NO.: 097890,508

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LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT(S): Wolfgang KREMERS et al.

AUG 13 2004

FILING DATE: 07/31/2001

GROUP: To B

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
4	AA	4	4	2	9	2	9	5		Jan. 31, 84	Wu	337	119	
	AB	3	9	0	2	1	5	0		Aug. 26, 75	Wada et al.	337	116	
	AC													
	AD													
	AE													
	AF													

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
														YES	NO
	AG	9	2	2	9	1	1			Apr. 23, 82	SU - Soviet Union			see Int. Search Report	
	AH	4	0	1	2	3	8	5		Mar. 28, 91	DE - Germany			see Int. Search Report	
	AI	2	6	5	2	5	0	6		May 24, 78	DE - Germany			see Int. Search Report	
	AJ	1	0	2	4	5	9	5		Feb. 20, 58	DE - Germany			see Int. Search Report	
	AK	1	0	7	6	9	8	1		Feb. 29, 84	SU - Soviet Union			see Application Text	
	AL	2	3	5	3	8	3	0		May 9, 74	DE - Germany			see GB 1 437 102	
	AM	1	4	3	7	1	0	2		Oct. 24, 73	GB - Great Britain				
	AN														
	AO														
	AP														

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	
	AS	
	AT	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 00/00479

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01H87/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 902 150 A (WADA YUICHI ET AL) 26 August 1975 (1975-08-26) abstract; claims; figures ---	1-7
A	US 4 429 295 A (WU JIING-LIANG) 31 January 1984 (1984-01-31) abstract; claims; figures ---	1-7
A	SU 922 911 A (KB POLT INST KUJBYSHEVA) 23 April 1982 (1982-04-23) cited in the application figures ---	1-7
A	DE 26 52 506 A (GEC ELLIOTT AUTOMATION LTD) 24 May 1978 (1978-05-24) cited in the application claims ---	1-7
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

16 May 2000

Date of mailing of the international search report

23/05/2000

Name and mailing address of the ISA

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Authorized officer

Durand, F

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 00/00479

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 10 24 595 B (FKG FRITZ KESSERLING) 20 February 1958 (1958-02-20) claims; figures ---	1-7
A	DE 40 12 385 A (KARL MARX STADT TECH HOCHSCHUL) 28 March 1991 (1991-03-28) cited in the application the whole document -----	1-7